

# BOROUGH OF BRIDGWATER.

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THE

## ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

SANITARY CONDITION OF BRIDGWATER

For the Year 1913.

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PREPARED BY

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# BOROUGH OF BRIDGWATER.

## ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

For the Year 1913.

TO THE MAYOR, ALDERMEN AND BURGESSES OF  
THE BOROUGH OF BRIDGWATER.

Mr. Mayor and Gentlemen,

I have the honour to present my Annual Report of the Health of the Borough during the year 1913.

It is not necessary for me to repeat what I have said in previous reports with reference to the physical characters of the town or the nature of the occupations of its inhabitants. These remain practically as before, but the town is gradually becoming more and more an industrial centre and the majority of its inhabitants are of the wage earning class.

On the whole this Report will compare favourably with that of former years, with the exception of an epidemic of measles which began in 1912, there has been no serious epidemic in our midst and the death rate would have been considerably lower than it is, for measles and its sequelæ were responsible for 23 deaths.

During the year the weather was about the average as regards rainfall and the amount of sunshine. The amount of rain falling being fairly constant, while at no time was there either oppressive heat or severe cold.

Records of rainfall will be found in the tables later on.

|  | 1913. | 1912.           |
|--|-------|-----------------|
| Population (census 1911) ...                   | 16802 | 16900 estimated |
| Estimated population to the middle of 1913 ... | 16970 |                 |
| Area in Statute Acres ...                      | 961   | 961 corrected   |
| Birth Rate per 1000 of Population              | 22    | 22·3            |
| Death „ „ „                                    | 12·5  | 12·24           |
| Zymotic Death Rate „                           | 1·7   | ·53             |
| Infantile Mortality per 1000 Births            | 100   | 76·1            |
| Inhabited Houses ...                           | 3900  | 3899            |

## Vital Statistics.

There were 244 deaths registered in the Borough during the year, but 20 of these were non-residents who died in the Hospital or Workhouse, and are therefore not to be reckoned in the net Death Rate.

On the other hand I have received notice of particulars as to 9 residents who died elsewhere and when these are added to 224 counted from the preceeding paragraph we get a total of 233, representing a death rate of 13·7 of the estimated population.

The Registrar General gives the figure for Bridgwater as '9164, so that the corrected death rate becomes slightly less, namely 12·5.

## Localities.

The deaths were distributed as regards localities as follows :—

|                           |     |     |            |
|---------------------------|-----|-----|------------|
| Borough                   | ... | ... | 185        |
| Bridgwater Workhouse      | ... | ... | 28         |
| „ Hospital                | ... | ... | 11         |
| Residents dying elsewhere | ... | ... | 9          |
| Total                     | ... | ... | <u>233</u> |

To show the sexes I give the following table.

|                      |     |     | Males.     | Females.  |
|----------------------|-----|-----|------------|-----------|
| Eastover             | ... | ... | 46         | 24        |
| Westover             | ... | ... | 61         | 54        |
| Bridgwater Workhouse | ... | ... | 15         | 13        |
| „ Hospital           | ... | ... | 8          | 3         |
| Away from home       | ... | ... | 4          | 5         |
|                      |     |     | <u>134</u> | <u>99</u> |

Inquest cases, 17 among residents, and 8 non-residents.

## Causes of Death.

### a. Zymotic Diseases.

This term includes such diseases as small pox, measles, scarlet fever, diphtheria, whooping cough, enteric fever and diarrhoea.

Measles as previously stated were very prevalent in the early part of the year. The epidemic was noted for being very widely spread over the whole country.

In our town few susceptible people appear to have escaped. Many grown-up individuals, who had not previously suffered, were attacked, while nearly all the young children were affected by it.

No less than 23 individuals died of this disease.

Scarlet fever was the cause of one death, whooping cough caused one death, and diarrhoea four, hence our Zymotic Death Rate was rather higher than usual, namely 1.7 of the estimated population.

#### *b. Deaths from other causes.*

Fuller particulars and ages at death will be found in tables which are printed at the end of this report.

We may perhaps note that a Bridgwater inhabitant passed away during the year at the remarkable age of 102.

### **Infantile Mortality.**

There were during the year 37 Deaths of Infants under 1 year of age.

This is below our usual average, but is considerably more than last year, when we had 29.

Measles was partly responsible for this, but in my opinion it is rather surprising that we should have so many as 15 deaths due to premature birth and congenital debility.

The exact cause for this comparatively large number of deaths from such conditions is difficult to specify, although one is inclined to think it is partly due to the fact that mothers do not take sufficient care of themselves when approaching the time of their confinement.

If the Notification of Births Act were adopted, I believe many young lives might be saved, as it would be possible to find out those who are weak at the time of birth and see that they are better looked after.

The Maternity Benefits of the National Insurance Act are already much appreciated by those entitled to the same, and are proving very helpful in providing comforts for mother and infant, which, up to now, have not been forthcoming owing to lack of means.

This will also tend to diminish infant mortality.

## Sickness in 1913.

### NOTIFICATIONS OF INFECTIOUS DISEASES.

#### *a. Tuberculosis.*

All forms of Tuberculosis are now compulsorily notifiable by medical practitioners and the Medical Officer of Health has, week by week, to transmit particulars to the County Medical Officer of Health and to the Local Government Board.

A register of cases is kept, and enquiries made in every instance, thereby one is enabled to watch those brought into contact with the sufferers and to advise with regard to the prevention of spreading of the disease, as Tuberculosis is now included in the category of Infectious Diseases.

By the enquiries made, one is often able to discover cases of overcrowding and where this is found steps are taken to alleviate the state of affairs, and it gives one the opportunity of advising as to proper sleeping accommodation, if possible, with open windows and plenty of air which is so essential for beneficial treatment of all cases of Tuberculosis.

Forty-one cases have thus been notified during the year, and where there has been change of residence or the patient has died, the premises can be properly disinfected before being used by anyone else.

To enable disinfection to be more satisfactorily carried out, a spraying apparatus has been procured during the year, by means of which crevices in the walls and ceilings can be more effectively reached, as these are places where the germs of this disease may lurk.

To complete disinfection the walls of the rooms are generally stripped of paper and whitewashed, and the premises as a whole properly cleaned.

The establishment of Sanatoria under the National Insurance Act and the provision of Tuberculosis Dispensaries all over the Kingdom will greatly advance matters in regard to the prevention of this very common and fatal disease.

In this connection it is pleasing to note that early in the year 1914, a Tuberculosis Dispensary will be opened at 20 King Square, Bridgwater, when Dr. Short, the County Tuberculosis Officer, will attend to advise in the diagnosis of doubtful cases and give directions with regard to treatment, either by the provision of shelters to be placed in the gardens of the patients' homes or the sufferers' admission into a sanatorium.

There is no doubt that the disease can be cured in many instances if taken sufficiently early, and it is in this direction that our hope for the future mainly lies ; but in order to check the spreading of the germs it is advisable that all expectoration should be destroyed and the patient occupy a bedroom to himself.

The County Council have the control of Tuberculosis regulations, but the Sanitary Authority is informed of the condition of premises occupied by consumptives, and are then in a position to see that defects are remedied.

The Lady Health Visitor appointed by the Somerset County Council is of great assistance in visiting the cases and reporting on the home conditions.

#### *b. Diphtheria.*

Of the 16 cases notified, no less than 14 were removed to Hospital and all recovered.

In almost every instance, swabs were sent to the County Laboratory at Weston-super-Mare for analysis, and this was most useful in helping those in charge in deciding when the patient could be considered free from infection.

#### *c. Scarlet Fever.*

Thirteen cases occurred in various parts of the town and was less prevalent with us than in some of the neighbouring districts.

#### *d. Acute Poliomyelitis.*

This disease is due to a micro-organism which affects the spinal cord, it occurs chiefly in young children, is infectious and somewhat rare, but several outbreaks have occurred in different parts of the Country.

One case was reported of a visitor to the town, in this instance the disease rapidly ran its course and ended fatally in a few days.

#### *e. Cerebro Spinal Meningitis.*

Since August 1912 this disease has become generally notifiable.

No case was actually notified, but in one instance there were strong suspicions of its presence.

#### *f. Ophthalmia Neonatorum.*

This disease affects the eyes of newly born infants and is said to have been the cause of nearly all the cases of blindness from birth.

It is not notifiable with us and no case has come to my knowledge during the year; it is expected that it will become generally notifiable before long.

### **Isolation Hospital.**

14 Cases of Diphtheria and 4 of Scarlet Fever were admitted during the year, making 18 patients as against 16 last year.

The accommodation has proved equal to our actual requirements, but it would be of distinct advantage if there were better means of dividing our cases for the simultaneous treatment of males and females suffering from different diseases.

### **Medical Inspection of Schools.**

Being School Medical Officer as well as Medical Officer of Health—I have good means of watching the effect of Medical Inspection upon the Community.

I am pleased to report some improvement in the health and cleanliness of the children which is dealt with more particularly in the report bound up with this.

### **Water Supply.**

The supply of water has been ample and constant. The periodical examinations made by the Borough Analyst show it to be of good quality.

### **Bacteriology.**

Numerous specimens for bacteriological examination have been sent to the Laboratory at Weston-super-Mare provided by the Somerset County Council and this has been of great assistance in dealing especially with Diphtheria, Ringworm and Tuberculosis.

### **Drainage and Sewerage.**

No scheme of any magnitude has been necessary in this department, but numerous small defects have been dealt with and sewers occasionally flushed.

In one section of the town several small houses are using open cesspits and the matter is under consideration as to whether they can be dealt with in a more satisfactory manner,

### **Water Closets.**

The number of pans without flushes is from time to time being gradually lessened where possible and there are but few open privies still remaining.

### **Scavenging.**

The streets are periodically swept and kept clean by the Corporation workmen and the house refuse removed by them to disused pits in old brickyards.

As the town increases in size it will become necessary to adopt a more sanitary way of getting rid of refuse and other accumulation and the provision of a Refuse Destructor would appear the most efficient way of doing this.

### **Lodging Houses.**

There are four in the Borough and these are periodically inspected by the Police and kept clean and tidy.

### **Foods and Milk.**

The samples under this heading which have been sent for analysis are referred to in detail in the Inspector's report.

The milk supply is good, and the few cowsheds in the Borough kept in fair order.

It is essential that everything concerned in the storage of milk should be kept scrupulously clean for many infectious diseases are spread by means of contaminated milk.

Flies should especially be discouraged as they often convey the germs of disease from polluted sources depositing them directly on food itself.

### **Slaughter Houses.**

These undergo periodical inspections and have been found fairly clean.

They are, some of them, in undesirable situations but this defect would be remedied were it possible to have a Public Abattoir.

### **Bakehouses.**

All the bakehouses have been inspected and found in good order, and the regulations complied with.

There are 32 bakehouses, only one of which is partly underground,

### **Markets.**

The general markets have been visited regularly, goods and cattle watched and precautions taken to trace the destination of any animal considered unfit for food.

### **Factory and Workshops Act.**

Factories, workshops and workplaces have been inspected and reported on as shown in the fuller report herewith appended.

### **Housing and Town Planning Act.**

There appears to be no shortage of housing accommodation in the town, but as stated in my previous reports a considerable number of old premises are scarcely fit for human habitation, in that they are back to back and have no free ventilation.

Were these buildings to be condemned as unfit for residence, it is difficult to see what the inmates would do as wages of the lower classes are such that they cannot afford to pay bigger rents.

Systematic inspections have been made and a considerable portion of the town has now been reported on.

Where defects have been discovered they have been promptly dealt with.

These are tabulated in the usual form and presented herewith.

There have been no Local Government Board enquiries held during the year.

The sanitary administration of the Borough is chiefly regulated by the older Public Health Act of 1875, but in addition to this the Public Health Acts Amendment Act of 1890 came into operation on 1st September, 1909, and Part VI. of Public Health Acts Amendment Act of 1907 came into operation on 6th July, 1910.

I have referred to the desirability of adopting the Notification of Births Act of 1907, and in some ways it would be useful if the Authority would adopt the Infectious Diseases Prevention Act of 1890, which is not at present in force in your district.

### General Remarks.

The general condition of the town has throughout the year been satisfactory, since the well-being of the inhabitants is largely a reflection of their material prosperity, it is a comfort to know that business has been good and wages increased.

Financially the inhabitants have benefitted by a regular income coming in for the workers, during periods of ill health, owing to the benefits accruing from the working of the National Insurance Act, whereas in days gone by if the wage earner was laid up with sickness all his dependents at once felt the stress of poverty, now they are assured of a modest sum to supply their daily needs.

I have the honour to be,

Mr. Mayor and Gentlemen,

Your obedient Servant,

HENRY SHARLAND POPE, M.A., M.B., B.C.,

Medical Officer of Health.

## SANITARY REPORT, 1913.

Under the general Order of the Local Government Board, No. 1283, and which came into force on the first day of January, 1911, the duties of the Inspector of Nuisances are set out under Article XX., and Clause 16 provides that a tabular statement is to be submitted to the Medical Officer of Health, containing the following particulars.

- a. The number and nature of inspections made during the year.
- b. The number of notices served during the year, distinguishing statutory from informal notices.
- c. The result of the service of such notice.

### Tabulated Statement of Inspections.

|                                       | Number<br>on<br>Register | Inspections. | Statutory<br>Notices. |         | Informal<br>Notices. |         |
|---------------------------------------|--------------------------|--------------|-----------------------|---------|----------------------|---------|
|                                       |                          |              | Served.               | Abated. | Served.              | Abated. |
| General Nuisances ...                 | 111                      | 300          | 56                    | 53      | 55                   | 52      |
| Dairies, Cowsheds and<br>Milkshops .. | 39                       | 50           |                       |         | 4                    | 4       |
| Bakehouses ...                        | 31                       | 72           |                       |         | 10                   | 10      |
| Slaughter Houses ...                  | 15                       | 72           |                       |         | 12                   | 12      |
| Factories & Workshops                 | 171                      | 203          |                       |         | 20                   | 15      |
| Outworkers ...                        | 119                      | 113          |                       |         | 3                    | 3       |

With reference to the Tabulated Statements hereinbefore given, the following are the details.

### General Nuisances.

| COMPLAINTS. |   | Reported. | Abated. | In hand. |
|-------------|---|-----------|---------|----------|
| Defective   | Drains ...                                  | 38        | 38      | —        |
| „           | Iron Traps ...                              | 17        | 17      | —        |
| „           | W.C.'s ...                                  | 16        | 14      | 2        |
| „           | Sinks ...                                   | 6         | 6       | —        |
| „           | Closets without flush-<br>ing Apparatus ... | 14        | 7       | 7        |
| „           | Eaves Gutters ...                           | 22        | 21      | 1        |

## General Nuisances (continued).

| COMPLAINTS.   |  |     | Reported. |     | Abated. |     | In hand. |
|---|--|-----|-----------|-----|---------|-----|----------|
| Defective   | Water Pipes                              | ... | 15        | ... | 11      | ... | 4        |
| „   | Paving in Courtyards<br>and Outbuildings |     | 4         | ... | 4       | ... | —        |
| „   | Floors                                   | ... | 5         | ... | 5       | ... | —        |
| „   | Roofs                                    | ... | 8         | ... | 8       | ... | —        |
| „   | Interior Walls                           | ... | 1         | ... | 1       | ... | —        |
| „   | Ceilings                                 | ... | 2         | ... | 2       | ... | —        |
| „   | Chimneys                                 | ... | 1         | ... | 1       | ... | —        |
| „   | Staircases                               | ... | 1         | ..  | 1       | ... | —        |
| Dwelling Houses or parts thereof<br>in dirty condition          |  |     | 9         | ... | 9       | ... | —        |
| Dwelling Houses require clean-<br>ing after Infectious Diseases |  |     | 1         | ... | 1       | ... | —        |
| Overcrowding  |  |     | 6         | ... | 6       | ... | —        |
| Insufficient Ventilation to<br>Dwelling House                   |  |     | 1         | ... | 1       | ... | —        |
| Keeping Animals in improper<br>places                           |  |     | 1         | ... | 1       | ... | —        |
| Dwelling Houses or parts in<br>damp condition                   |  |     | 1         | ... | 1       | ... | —        |

## Factories, Workshops and Workplaces.

## INSPECTION.

|            | Number. | Inspections. | Written Notices. |
|------------|---------|--------------|------------------|
| Factories  | ... 42  | 48           | 6                |
| Workshops  | ... 128 | 143          | 14               |
| Workplaces | ... 17  | 17           | —                |
|            |         | —            | —                |
|            |         | 208          | 20               |

## DEFECTS FOUND.

|   | Found. | Remedied. |
|---|--------|-----------|
| Want of Cleanliness   | ... 15 | 11        |
| Sanitary Accommodation—                                     |        |           |
| Insufficient  | ... 4  | 2         |
| Unsuitable or defective                                     | ... 2  | 1         |
| Want of Ventilation   | ... 2  | 1         |
| Breach of special sanitary require-<br>ments for Bakehouses | ... 10 | 10        |
|   | —      | —         |
|   | 33     | 25        |

**Outworkers.**

|  |        |     |
|--|--------|-----|
| Lists of outworkers received                                   | ...    | 20  |
| Names and addresses of outworkers obtained                     | ... .. | 119 |
| Names and addresses of outworkers received from other Councils | ...    | 4   |
| Names and addresses of outworkers forwarded to other Councils  | ...    | 6   |
| Premises inspected   | ... .. | 113 |
| Outwork in unwholesome premises, notices served                | ... .. | 3   |

**Infectious Diseases (Notification) Act.****CASES NOTIFIED UNDER THE ACT.**

|                     |        | 1913. | 1912. |
|---------------------|--------|-------|-------|
| Diphtheria          | ... .. | 16    | 22    |
| Scarlet Fever       | ... .. | 13    | 9     |
| Erysipelas          | ... .. | 1     | 7     |
| Enteric Fever       | ... .. | 1     | 3     |
| Puerperal Fever     | ... .. | 1     | 2     |
| Acute Poliomyelitis | ... .. | 1     | —     |
|                     |        | 33    | 43    |

Table showing the number of cases in each month of 1913 and 1912.

|           | 1913.       |                |             |                |                  |        | 1912.       |                |             |                |                  |        |
|-----------|-------------|----------------|-------------|----------------|------------------|--------|-------------|----------------|-------------|----------------|------------------|--------|
|           | Diphtheria. | Scarlet Fever. | Erysipelas. | Typhoid Fever. | Puerperal Fever. | Total. | Diphtheria. | Scarlet Fever. | Erysipelas. | Enteric Fever. | Puerperal Fever. | Total. |
| January   | 4           | 2              |             |                |                  | 6      | 3           |                |             |                | 1                | 4      |
| February  | 2           | 1              |             |                |                  | 3      |             |                | 1           |                |                  | 1      |
| March     | 1           |                |             |                |                  | 1      | 4           |                | 1           |                |                  | 5      |
| April     | 1           |                |             |                |                  | 1      |             |                |             |                |                  | —      |
| May       | 1           | 1              |             |                |                  | 2      | 1           | 2              | 1           |                | 1                | 5      |
| June      | 1           |                |             |                |                  | 1      | 1           |                | 1           |                |                  | 2      |
| July      |             | 1              |             | 1              | 1                | 3      | 1           | 5              | 1           | 1              |                  | 8      |
| August    | 1           |                |             |                |                  | 1      | 4           | 1              | 1           |                |                  | 6      |
| September | 1           | 1              |             |                |                  | 2      |             |                | 1           | 1              |                  | 2      |
| October   | 2           | 1              |             |                |                  | 3      | 3           |                |             |                |                  | 3      |
| November  | 2           | 1              | 1           |                |                  | 4      | 3           | 1              |             |                |                  | 4      |
| December  |             | 5              |             |                |                  | 5      | 2           |                |             | 1              |                  | 3      |
| Totals    | 16          | 13             | 1           | 1              | 1                | 32     | 22          | 9              | 7           | 3              | 2                | 43     |

In addition to the above, the case of Acute Poliomyelitis occurred in the month of August.

# Infectious Disease.

Table shewing ages, cases notified in each locality, and patients removed to hospital.

| Notifiable Disease.    | Cases notified in whole District. |          |         |          |           |           |                 | Total cases notified in each Locality. |    |          |    | No. of cases removed to Hospital from each Locality. |    |          |    |                                  |
|------------------------|-----------------------------------|----------|---------|----------|-----------|-----------|-----------------|--|----|----------|----|--|----|----------|----|----------------------------------|
|                        | At all ages.                      | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 65. | 65 and upwards. | Eastover                               |    | Westover |    | Eastover   |    | Westover |    | Total cases removed to Hospital. |
|                        |                                   |          |         |          |           |           |                 | N.                                     | S. | N.       | S. | N.   | S. | N.       | S. |                                  |
| Diphtheria ..          | 16                                |          | 5       | 8        | 1         | 2         |                 | 7                                      | 2  | 4        | 2  | 7  | 2  | 4        | 1  | 14                               |
| Scarlet Fever ..       | 13                                |          | 3       | 5        | 3         | 2         |                 | 2                                      | 4  | 6        | 2  | 1  | 3  |          |    | 4                                |
| Erysipelas ..          | 1                                 |          |         |          |           | 1         |                 |  |    |          | 1  |  |    |          |    |                                  |
| Typhoid Fever ..       | 1                                 |          |         |          |           | 1         |                 | 1                                      |    |          |    |  |    |          |    |                                  |
| Acute Poliomyelitis .. | 1                                 |          |         |          | 1         |           |                 | 1                                      |    |          | 1  |  |    |          |    |                                  |
| Puerperal Fever ..     | 1                                 |          |         |          | 1         |           |                 |  |    |          |    |  |    |          |    |                                  |
| Totals ..              | 33                                |          | 8       | 13       | 6         | 6         |                 | 11                                     | 6  | 10       | 6  | 8  | 5  | 4        | 1  | 18                               |

### Food and Drugs Act.

Under the provisions of this Act, 64 samples have been obtained of the various articles as set out below, and were sent to the Borough Analyst for examination, with the following result :—

|  | Samples taken. | Reported<br>as genuine. | Adulterated. |
|--|----------------|-------------------------|--------------|
| Milk ... ..                              | 28             | 23                      | 5            |
| Butter ... ..                            | 8              | 8                       | —            |
| Margarine ... ..                         | 7              | 7                       | —            |
| Lard ... ..                              | 4              | 4                       | —            |
| Flour ... ..                             | 1              | 1                       | —            |
| Vinegar ... ..                           | 7              | 6                       | 1            |
| Citric Acid ... ..                       | 2              | 2                       | —            |
| Sweet Spirit of Nitre                    | 1              | 1                       | —            |
| Ammoniated Tincture<br>of Quinine ... .. | 1              | 1                       | —            |
| Acetic Acid ... ..                       | 1              | 1                       | —            |
| Boracic Acid Powder                      | 1              | 1                       | —            |
| Cream of Tartar ...                      | 2              | 1                       | —            |
| Precipitated Sulphur                     | 1              | 1                       | —            |
|  | —              | —                       | —            |
|  | 64             | 58                      | 6            |

Vinegar. One case reported on. Proceedings taken and the case dismissed on payment of costs.

Milk. Five cases reported on. Proceedings were taken in two cases, in one case of which vendor had to pay the costs, and the other was fined 12/6 and costs. In the other three cases the deficiency of Milk Fat being only very slight, no proceedings were taken.

Informal Samples. 14 Samples were taken without the formalities prescribed by the Sale of Food and Drugs Act.

The average percentage of milk fat for the year was 3·42, and of solids not fat 8·82.

28 Samples of Milk were examined for the presence of a preservative from which all samples were free.

### New Streets and Buildings.

During the past year 18 sets of plans, shewing particulars of New Streets and Buildings, were submitted for the consideration of the Town Council. Particulars of such plans may be summarized as follows :—

|  |     |     |       |
|--|-----|-----|-------|
| New Dwelling Houses                                    | ... | ... | 5     |
| Alterations and Additions thereto                      | ... | ... | 6     |
| Business Premises, including Alterations and Additions | ... | ... | 7     |
| Public Buildings, including Alterations and Additions  | ... | ... | 1     |
| Sundry small buildings                                 | ... | ... | 2     |
| Temporary Buildings                                    | ... | ... | 1     |
|  |     |     | <hr/> |
|  |     |     | 22    |

With reference to the completed works, the following have been examined and were reported to the Town Council as having been carried out in accordance with the deposited plans.

|                           |     |     |       |
|---------------------------|-----|-----|-------|
| Dwelling Houses           | ... | ... | 13    |
| Alterations and Additions | ... | ... | 2     |
| Business Premises         | ... | ... | 2     |
| Sundry Small Buildings    | ... | ... | 1     |
|                           |     |     | <hr/> |
|                           |     |     | 18    |

### Housing and Town Planning Act.

Statement required by Article V. of the Housing (Inspection of District) Regulations, 1910, in regard to the Inspection of Dwelling Houses under section 17 of the Housing and Town Planning Act, 1909.

|   |                            |
|---|----------------------------|
|   | No. of<br>Dwelling Houses. |
| Inspected under and for the purposes of the Section   | 257                        |
| Considered to be in a state so dangerous or injurious to health as to be unfit for human habitation | ...                        |
| Representations were made to the Local Authority with a view to the making of closing orders        | ...                        |
| Closing Orders were made by the Local Authority   | ...                        |
| Defects remedied without the making of closing orders   | ...                        |
|   | 136                        |
|   | (6 Houses closed by owner) |
| After the making of closing orders, were made fit for human habitation                              | ...                        |

General Character of the Defects found to exist in the dwelling houses inspected :

| NATURE OF DEFECT.  | Reported. | Abated. | In hand. |
|--|-----------|---------|----------|
| Dwelling Houses or parts thereof want cleaning and limewhiting | 76        | 66      | 10       |
| Defective Floors in Dwelling Houses and Outbuildings ...       | 42        | 30      | 12       |
| Defective Eaves Gutters ...                                    | 28        | 23      | 5        |
| „ Fallpipes ...  | 12        | 9       | 3        |
| „ Roofs ...  | 11        | 9       | 2        |
| „ Windows ...  | 14        | 11      | 3        |
| „ Paving to Yards, etc.  | 13        | 9       | 4        |
| Outbuildings require cleaning and limewhiting ...              | 41        | 33      | 8        |
| Defective Iron Bell and Lip Traps                              | 25        | 25      | —        |
| „ Chimneys ...   | 2         | 2       | —        |
| Dilapidated condition of Outbuildings ...                      | 7         | 4       | 3        |
| Defective Ceilings ...   | 6         | 4       | 2        |
| Defective or Damp Walls ...                                    | 30        | 17      | 13       |
| W.C.'s without Flushing Cisterns                               | 21        | 12      | 9        |
| Defective W.C.'s ...   | 21        | 18      | 3        |
| Inadequate Ventilation to Dwelling Houses ...                  | 21        | 20      | 1        |
| Defective Sinks ...  | 8         | 7       | 1        |
| „ Drainage ...   | 6         | 3       | 3        |
| „ Staircases ...   | 6         | 3       | 3        |
| „ Privies ...  | 2         | 2       | —        |
|  | 392       | 307     | 85       |

### Rainfall.

As in past years, Tables are appended showing the Rainfall for 1913 at the Pumping Station, Ashford, and at Blake Gardens, Bridgwater, and with regard to the Ashford returns—

|                           | 1913.     | 1912.     |
|---------------------------|-----------|-----------|
| No rain fell on           | 185 days. | 169 days. |
| The wettest month was     | January.  | August.   |
| The driest „ „            | July.     | April.    |
| Greatest fall in 24 hours | Jan. 4th. | June 7th. |

| Month.        | ASHFORD.        |                                  |   |     | BRIDGWATER.     |                                  |   |     |
|---------------|-----------------|----------------------------------|---|-----|-----------------|----------------------------------|---|-----|
|               | Total<br>Depth. | Greatest<br>Fall in 24<br>hours. | No. of days<br>on which 01<br>or more<br>Rain fell. |     | Total<br>Depth. | Greatest<br>Fall in<br>24 hours. | No. of days<br>on which 01<br>or more<br>Rain fell. |     |
|               | Inches          | Inches                           | Date  |     | Inches          | Inches                           | Date  |     |
| January ...   | 6.29            | 1.26                             | 4   | 26  | 5.52            | 1.09                             | 4   | 23  |
| February ...  | 1.15            | .31                              | 7   | 12  | .78             | .22                              | 7   | 10  |
| March ...     | 4.19            | .93                              | 22  | 20  | 3.60            | .65                              | 22  | 20  |
| April ...     | 2.96            | .54                              | 15  | 21  | 2.46            | .41                              | 15  | 19  |
| May ...       | 3.03            | .54                              | 11  | 15  | 2.53            | .40                              | 7   | 15  |
| June ...      | .99             | .29                              | 5   | 9   | .78             | .19                              | 19  | 9   |
| July ...      | .60             | .31                              | 6   | 8   | .41             | .24                              | 6   | 4   |
| August ...    | 2.24            | .75                              | 9   | 12  | 1.95            | .75                              | 31  | 8   |
| September ... | 3.10            | .90                              | 4   | 14  | 2.51            | .62                              | 5   | 11  |
| October ...   | 3.65            | .97                              | 6   | 16  | 3.67            | 1.75                             | 6   | 14  |
| November ...  | 3.49            | .75                              | 11  | 20  | 3.06            | .80                              | 11  | 17  |
| December ...  | 3.05            | .84                              | 1   | 12  | 2.64            | .72                              | 1   | 12  |
| Total ...     | 34.74           |                                  |   | 185 | 29.91           |                                  |   | 162 |

### Rainfall for previous 5 years.

|       | Ashford. | Bridgwater. |
|-------|----------|-------------|
| 1909. | 26.34    | 24.25       |
| 1910. | 43.10    | 37.59       |
| 1911. | 28.11    | 25.43       |
| 1912. | 40.99    | 38.18       |
| 1913. | 34.74    | 29.91       |

Your obedient Servant,

FRANCIS PARR, A.M.I.C.E.,

Sanitary Inspector.

Table shewing CAUSES OF, and AGES AT DEATH, during the Year 1913, among the residents of the Borough of Bridgwater.

| CAUSES OF DEATH.  | AGES AT DEATH. |               |                |                |                 |                  |                  |                  |                 |    | Deaths in Public Institutions |
|---|----------------|---------------|----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|----|-------------------------------|
|   | All ages.      | Under 1 year. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. |    |                               |
| Measles .. .. .   | 23             | 3             | 5              | 11             | 3               |                  |                  | 1                |                 | 5  |                               |
| Scarlet Fever .. .. .   | 1              |               |                |                |                 | 1                |                  |                  |                 |    |                               |
| Whooping Cough .. .. .  | 1              | 1             |                |                |                 |                  |                  |                  |                 |    |                               |
| Phthisis .. .. .  | 16             |               |                |                |                 | 8                |                  | 3                |                 | 3  |                               |
| Tuberculous Meningitis .. .. .  | 1              |               |                |                |                 | 5                |                  |                  |                 |    |                               |
| Other Tuberculous Diseases .. .. .                                      | 1              |               |                |                |                 | 1                |                  | 1                |                 | 1  |                               |
| Cancer .. .. .  | 12             |               |                | 1              |                 |                  |                  | 7                | 4               | 4  |                               |
| Meningitis .. .. .  | 3              |               |                | 1              | 1               | 1                |                  |                  |                 |    |                               |
| Organic Heart Disease .. .. .   | 17             |               |                |                |                 | 3                | 2                | 4                | 8               | 5  |                               |
| Bronchitis .. .. .  | 12             | 4             |                |                |                 |                  |                  | 4                | 4               |    |                               |
| Pneumonia (all forms) .. .. .   | 21             | 6             | 4              | 3              | 1               | 1                |                  | 5                | 1               | 5  |                               |
| Diarrhoea and Enteritis .. .. .   | 4              | 1             | 2              |                |                 |                  |                  |                  | 1               |    |                               |
| Cirrhosis of Liver .. .. .  | 1              |               |                |                |                 |                  |                  | 1                |                 |    |                               |
| Alcoholism .. .. .  | 2              |               |                |                |                 |                  |                  |                  |                 | 1  |                               |
| Nephritis and Bright's Disease .. .. .                                  | 6              |               |                |                | 1               |                  |                  | 2                | 3               |    |                               |
| Puerperal Fever .. .. .   | 1              |               |                |                |                 | 1                |                  | 2                |                 | 1  |                               |
| Other accidents & diseases of Pregnancy & Parturition .. .. .           | 1              | 1             |                |                |                 |                  |                  |                  |                 | 1  |                               |
| Congenital Debility and Malformation, including Premature Birth .. .. . | 18             | 18            |                |                |                 |                  |                  |                  |                 | 1  |                               |
| Violent Deaths, excluding Suicide .. .. .                               | 10             |               | 1              | 1              | 2               | 1                | 1                | 4                |                 | 10 |                               |
| Suicide .. .. .   | 1              |               |                |                | 1               |                  |                  |                  |                 |    |                               |
| Other Defined Diseases .. .. .  | 39             | 2             | 2              | 1              |                 |                  | 3                | 15               | 16              | 14 |                               |
| Diseases ill-defined or unknown .. .. .                                 | 42             | 1             |                |                | 1               |                  | 1                | 1                | 38              | 9  |                               |
| ALL CAUSES .. .. .  | 233            | 37            | 14             | 18             | 16              | 13               | 16               | 50               | 75              | 60 |                               |

**Vital Statistics of Whole District during 1913 and  
Previous Years in the Borough of Bridgwater.**

| Year. | Population estimated<br>to Middle of<br>each year. | BIRTHS.                |         |      | TOTAL<br>DEATHS<br>REGIS-<br>TERED IN<br>THE<br>DISTRICT |      | TRANSFERABLE<br>DEATHS. |   | NETT DEATHS<br>BELONGING TO THE<br>DISTRICT.               |         |                                 |         |
|-------|--|------------------------|---------|------|--|------|-------------------------|---|--|---------|---------------------------------|---------|
|       |  | Uncorrected<br>Number. | Nett.   |      |  |      |                         |   | Under 1<br>year of age.                                    |         | At all<br>ages.                 |         |
|       |  |                        | Number. | *    |  |      |                         |   | Number.  | *       | Number.                         | *       |
|       |  |                        |         |      |  |      |                         | of Non-<br>residents<br>registered<br>in the<br>District. | of Resi-<br>dents not<br>registered<br>in the<br>District. | Number. | Rate per<br>1000nett<br>Births. | Number. |
| 1908  | 15580  |                        | 442     | 28·4 | 260  | 17·3 | 31                      |   | 53   | 119     | 229                             | 14·6    |
| 1909  | 15900  |                        | 421     | 26·4 | 279  | 17·5 | 28                      |   | 53   | 125·8   | 251                             | 15·8    |
| 1910  | 15900  |                        | 383     | 24   | 200  | 12·5 | 31                      |   | 38   | 99·2    | 169                             | 10·6    |
| 1911  | 16802  | 424                    | 423     | 25·2 | 277  | 16·4 | 28                      | 7   | 52   | 122·6   | 256                             | 15·2    |
| 1912  | 16900  |                        | 377     | 22·3 | 230  | 13·6 | 31                      | 8   | 29   | 76·1    | 207                             | 12·24   |
| 1913  | 16970  | 374                    | 370     | 22   | 244  | 14·3 | 20                      | 9   | 37   | 100     | 233                             | 12·5    |

\* Calculated at per 1000 of the estimated Population.

# **Infantile Mortality during the Year 1913 in the Borough of Bridgwater.**

| CAUSE OF DEATH.                        | Under 1 week | 1-2 weeks. | 2-3 weeks. | 3-4 weeks. | Total under<br>1 month. | 1-3 months. | 3-6 months. | 6-9 months. | 9-12 months. | Total<br>Deaths<br>under<br>One<br>Year. |
|--|--------------|------------|------------|------------|-------------------------|-------------|-------------|-------------|--------------|--|
| Measles ...                            |              |            |            |            |                         |             | 1           |             | 2            | 3  |
| Whooping Cough ...                     |              |            |            |            |                         |             |             | 1           |              | 1  |
| Bronchitis ...                         |              |            |            |            |                         |             |             | 2           | 2            | 4  |
| Pneumonia, all forms                   |              |            |            |            |                         | 1           | 3           |             | 2            | 6  |
| Diarrhoea ...                          |              |            |            |            |                         |             | 1           |             |              | 1  |
| Gastritis ...                          |              |            |            |            |                         |             |             |             | 1            | 1  |
| Injury at Birth ...                    | 1            |            |            |            | 1                       |             |             |             |              | 1  |
| Congenital                             |              |            |            |            |                         |             |             |             |              |  |
| Malformations                          | 1            | 2          |            |            | 3                       |             |             |             |              | 3  |
| Premature Birth ...                    | 4            |            | 1          | 1          | 6                       |             |             |             |              | 6  |
| Atrophy, Debility, }<br>and Marasmus } | 2            | 2          | 1          |            | 5                       | 3           |             | 1           | 1            | 10                                       |
| Other Causes ...                       |              |            |            |            |                         | 1           |             |             |              | 1  |
| All Causes ..                          | 8            | 4          | 2          | 1          | 15                      | 5           | 5           | 4           | 8            | 37                                       |

Births in the Year { Legitimate, 354.  
                          { Illegitimate, 16.

Deaths from all Causes at all Ages 233.





# ANNUAL REPORT

OF THE

## School Medical Officer

For the Year 1913.

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PREPARED BY

H. SHARLAND POPE, M.A. ; M.B. ; B.C.,

Medical Inspector.

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Bridgwater :  
Printed and Published by Page & Son, Fore Street.

1914.



# ANNUAL REPORT

OF THE

## SCHOOL MEDICAL OFFICER

For the Year 1913.

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TO THE EDUCATION AUTHORITY.

Mr. Mayor and Gentlemen,

I have the honour to present my report as School Medical Officer for the Borough of Bridgwater.

I may summarise the work under three headings :—

- I. Work done during the year.*
- II. The General Condition of the Children and Schools.*
- III. Work requiring to be done.*

*I. Work done:*

As on former occasions, this largely consists of the regular Inspections at the Schools, and the experience gained in the earlier years has helped to make matters go smoothly.

One important circumstance, however, has greatly influenced the work among the Infants—for the Authority decided not to admit any children under 5, and this has consequently lessened the number very considerably.

Owing to the children aged 3 and 4 being refused admission they are being kept back and will not come on the books until they reach the age of five years.

The total number of children I inspected was 706, being made up of 261 entrants, 289 leavers, 64 special, and 72 re-examinations.

These are all dealt with in detail in the following schedules which are based on the recommendations of the Medical Officer to the Board of Education in his report for the year 1912.

In addition to the particulars therein stated I have made enquiries as to regular attendance as well as many other points—those children which show signs of general neglect at home are generally those who attend school irregularly, showing how home influences largely affect the conditions of school life.

The teachers have spoken of the system of “Half-timers” seriously interfering with the regular work of the schools.

Besides the ordinary inspections of the children I have paid a number of visits to the Schools at various times to ascertain their sanitary condition and requirements.

## *II. The General Condition of the Children and Schools.*

Systematic cleaning is regularly done and the premises seem to be in good order. In two blocks of school buildings screens have been erected to secure quieter conditions for work and in the Infants' Department at Eastover Council Schools the galleries have been removed and the teachers report greater comfort in working.

With regard to the general condition of the children there has been much improvement since regular medical inspection began, and has, I think, gone as far as possible without better means being adopted for following up bad cases. This I will deal with under heading III., work requiring to be done.

On the whole I think our children are favourably circumstanced in having good play grounds at the school premises and open spaces for play available at no great distances from their homes, but these homes are, I am sorry to say, in many cases far from what one would wish them to be.

One looks forward in hope that bright, well ventilated homes and cleanliness and temperance will replace some of the undesirable abodes and surroundings that now exist, then we should have a great improvement in the condition of the rising generation.

In the early weeks of the year measles was still present in the town, being a continuation of the epidemic which began in 1912. With this exception no serious epidemic has affected the children.

From time to time children have been referred to me by the school teachers, and when they have been found suffering from diseases or conditions harmful to those with whom they are brought into contact, they have been excluded from school and the teachers informed as well as the school attendance officer.

In this way cases of contagious skin diseases, ringworm and dirty heads have been dealt with.

Owing to the exclusion of children under five years of age there has been more room for the scholars, hence the question of overcrowding has diminished and there now appears to be sufficient accommodation for all.

The premises have been kept in good repair and at all the schools provision is made of water, basins and towels for the washing of dirty children.

### *III. Work requiring to be done.*

As regards actual school buildings we have, I think, all that is really required, although it is only in two schools that special rooms are available for carrying on medical inspection away from the class rooms.

It would be a great convenience if a separate room were available in each block of buildings, but the school work has apparently not been much upset by the arrangements now in force.

Up to now an inspection has been made of the children with a fair proportion of the parents availing themselves of the opportunity of being present to hear the report of your inspector.

Considerable attention has also been given to following up some of the most serious defects thus discovered.

Some have been brought up again for re-inspection either at the school at my next visit which has frequently been arranged after the lapse of one week or sometimes even to my house to see what progress the case has made.

However much more is required to be done in this matter.

Advice has been given to parents and children frequently by means of printed cards of instruction, but so far no actual treatment has been undertaken by you as an Authority.

Owing to carelessness or real neglect on the part of the parents even to keep the children clean, they have suffered bodily discomfort and been kept away from school for much longer periods of time than should have been, and the Authority must have lost a considerable amount of grant in consequence.

In my opinion the time has fully come when a nurse should be appointed, and I am glad to report that this matter is under the consideration of both the Education and Health Committees under the Local Authority.

I hope it may be possible that a nurse shall be soon appointed who will also act as health visitor by visiting the homes to enquire after absentees on account of sickness, but her main duties would perhaps be to attend at the regular medical inspections and there receive instructions as to what cases should be followed up.

To make the system complete it might be advisable to have a centrally situated office where children could be sent on a regular day at a specific time where a more complete examination might be made than is possible on school premises.

The school nurse would there and then work under the control of your school medical officer and actively deal with such cases as dirty heads, minor skin diseases and discharging ears.

In this way many children could be kept at school and quickly cured whereas now they stay away with the excuse that they are under treatment when often nothing is being done.

Two or at the most three rooms would be really needed to carry out this scheme.

With reference to more serious conditions, such as adenoids and enlarged tonsils, some of these it might be possible to treat at the office mentioned above, but in the majority of cases they would be referred to their medical officer or else be advised to go to the Hospital, which has been the usual course up to now, and the benefit arising from such treatment has been most marked.

The question of dealing with bad teeth is a very big one. In numerous instances I have actually extracted many at my regular inspections, but the ideal condition is to employ the services of a dentist, remembering that "prevention is better than cure."

### *Eyesight.*

In my previous reports I have referred to the difficulties which have been found to exist in considering defects of eyesight.

At present those parents who are most anxious for their children's welfare obtain suitable treatment, but in the majority of instances nothing is done as they cannot afford the expense in connection therewith.

In several cases the parents have taken the children to the Eye Hospital at Bristol, but many have expressed themselves to the effect that the expense of doing this perhaps for several visits is so great that they would be willing to contribute towards the cost of any scheme which might be available nearer home.

With this readiness on their part to contribute something to the cost, it has occurred to me that an oculist might be engaged to visit the town and undertake the treatment of cases referred to him without any very great outlay of money ; and I would remind you that this is the plan I have recommended in my previous reports and is the course already adopted by the Somerset County Council for children attending the schools in the parishes adjoining the Borough of Bridgwater.

### *Tuberculosis.*

Several cases of Tuberculosis in children attending the schools have been notified during the year and in most instances these are referred to the Tuberculosis Medical Officer who visits the Dispensary, at 20 King Square, every Wednesday afternoon, which is under the control of the County Council.

In dealing with this and allied diseases much benefit is obtained by carrying on some of the school work in the open air and I am pleased to report that many classes, when the weather is favourable, are conducted in the open sheds and play grounds at the schools.

Physical drills under such conditions tend to develop the muscular system and do much to improve the physical and mental health of those who partake in them.

I hope it may be possible to get the work of School Medical Officer, School Nurse and School Attendance Officer so arranged that everything may be conducted in a business like way, for thereby the attendance of the children should be more regular and the value of school work greatly increased.

I am, Gentlemen,

Your obedient Servant,

HENRY SHARLAND POPE, M.A., M.B., B.C.,

School Medical Officer,

# Return showing the Physical Condition of Children Inspected.

| Condition.                      | ENTRANTS. |        |        |           | LEAVERS. |        |        |           | Re-examinations. |        |        |           | TOTALS. |        |        |           | SPECIAL CASES. |        |        |           |
|---------------------------------|-----------|--------|--------|-----------|----------|--------|--------|-----------|------------------|--------|--------|-----------|---------|--------|--------|-----------|----------------|--------|--------|-----------|
|                                 | Boys.     | Girls. | Total. | Per cent. | Boys.    | Girls. | Total. | Per cent. | Boys.            | Girls. | Total. | Per cent. | Boys.   | Girls. | Total. | Per cent. | Boys.          | Girls. | Total. | Per cent. |
| <b>Total Inspections</b>        | 124       | 137    | 261    |           | 153      | 136    | 289    |           | 15               | 57     | 72     |           | 292     | 330    | 622    |           | 24             | 40     | 64     |           |
| <b>Clothing</b>                 |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Unsatisfactory ...              | 8         | 8      | 16     | 6         | 5        | 2      | 7      | 2.4       | 1                | 3      | 4      | 5.5       | 14      | 13     | 27     | 4.3       | 3              | 5      | 8      | 12.5      |
| <b>Footgear</b>                 |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Unsatisfactory ...              | 3         | 4      | 7      | 2.6       | 6        | 2      | 8      | 2.7       | 1                | 1      | 2      | 2.7       | 10      | 7      | 17     | 2.7       | 2              | 5      | 7      | 10.9      |
| <b>Cleanliness of Head</b>      |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Unsatisfactory ...              | 11        | 45     | 56     | 21        | 4        | 36     | 40     | 13.8      | 2                | 50     | 52     | 71.4      | 17      | 131    | 148    | 23.7      | 5              | 7      | 12     | 18.7      |
| <b>Cleanliness of Body</b>      |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Unsatisfactory ...              | 2         | 5      | 7      | 2.6       | 3        | 6      | 9      | 3.1       | 2                | 4      | 6      | 8.3       | 7       | 15     | 22     | 3.5       | 1              | 2      | 3      | 4.6       |
| <b>Nose and Throat</b>          |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Adenoids or Enlarged Tonsils... | 5         | 7      | 12     | 5         | 12       | 22     | 34     | 11.7      | 11               | 14     | 25     | 34.7      | 28      | 43     | 71     | 11.4      | 2              | 4      | 6      | 9.3       |
| <b>Ear Disease</b>              |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Deafness ...                    | 7         | 6      | 13     | 5         | 9        | 11     | 20     | 6.9       | 3                | 1      | 4      | 5.5       | 19      | 18     | 37     | 5.9       | 2              | 2      | 4      | 6.2       |
| Discharged ...                  | 1         | 3      | 4      | 1.5       | 2        | 3      | 5      | 1.7       | 1                | 1      | 2      | 2.7       | 4       | 7      | 11     | 1.7       | 1              | 1      | 2      | 3.1       |
| <b>Teeth</b>                    |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| More than three decayed ...     | 11        | 19     | 30     | 11        | 26       | 34     | 60     | 21        | 10               | 8      | 18     | 25        | 47      | 61     | 108    | 17        | 8              | 5      | 13     | 20.3      |
| <b>Heart</b>                    |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Weak ...                        | 1         | 3      | 4      | 1.5       | 2        | 1      | 3      | 1         |                  |        |        |           | 3       | 4      | 7      | 1.1       |                |        |        |           |
| <b>Lungs</b>                    |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Bronchitis ...                  |           |        |        |           | 3        | 4      | 7      | 2.4       | 1                | 2      | 3      | 5         | 4       | 6      | 10     | 1.6       |                | 1      | 1      | 1.7       |
| Tuberculosis ...                |           |        |        |           | 2        | 1      | 3      | 1         | 1                | 1      | 2      | 3         | 3       | 2      | 5      | 0.8       |                |        | 1      | 1.7       |
| <b>Skin</b>                     |           |        |        |           | 3        | 5      | 8      | 3         |                  | 3      | 4      | 5.5       | 2       | 2      | 4      | 0.6       | 3              | 4      | 7      | 18.7      |
| Ringworm ...                    |           | 1      | 1      | 0.4       | 2        | 1      | 3      | 1         | 1                |        |        |           |         |        |        |           |                |        |        |           |
| <b>Speech</b>                   |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Defective ...                   | 1         | 3      | 4      | 1.5       | 2        | 1      | 3      | 1         |                  |        |        |           | 3       | 4      | 7      | 1.1       | 1              | 2      | 3      | 4.6       |
| <b>Vision</b>                   |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Defective ...                   | 10        | 9      | 19     | 7         | 4        | 7      | 11     | 3.8       | 6                | 8      | 14     | 20        | 20      | 24     | 44     | 7         | 5              | 3      | 8      | 12.5      |
| Poor ...                        |           |        |        |           |          |        |        |           |                  |        |        |           |         |        |        |           |                |        |        |           |
| Bad ...                         | 1         | 1      | 2      | 7.8       | 16       | 18     | 34     | 11.7      | 7                | 8      | 15     | 20.1      | 24      | 27     | 51     | 8.1       | 6              | 11     | 17     | 26.5      |

**A. Code Groups.**

| Age.      | ENTRANTS. |    |                |        | LEAVERS. |     |    |        | Grand<br>Total. |
|-----------|-----------|----|----------------|--------|----------|-----|----|--------|-----------------|
|           | 5         | 6  | other<br>ages. | Total. | 12       | 13  | 14 | Total. |                 |
| Boys ...  | 107       | 15 | 2              | 124    | 66       | 57  | 30 | 153    | 277             |
| Girls ... | 111       | 16 | 10             | 137    | 58       | 54  | 24 | 136    | 273             |
|           | 218       | 31 | 12             | 261    | 124      | 111 | 54 | 289    | 550             |

**B. Groups other than "Code."**

|       |        |     | Special Cases. | Re-examinations. |
|-------|--------|-----|----------------|------------------|
| Boys  | ...    | ... | 24             | 15               |
| Girls | ...    | ... | 40             | 57               |
|       |        |     | <hr/>          | <hr/>            |
|       | Totals | ... | 64             | 72               |

